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SWANSEA PORT
HEALTH AUTHORITY

ANNUAL REPORT

of the

Director of Port Health Services

For The Year 1977

SWANSEA PORT HEALTH AUTHORITY

with the Compliments of

The Director of Port Health Services

16 Cambrian Place,
SWANSEA.

Tel. Swansea 53523

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HEALTH AUTHORITY
ANNUAL REPORT
OF THE
DIRECTOR OF PORT HEALTH SERVICES
FOR THE YEAR 1977

Port Health Offices	-	16 Cambrian Place, Swansea.
Telephone Number	-	Swansea 53523
Telegraphic Address	-	"Portelth" Swansea.



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I

THE SWANSEA PORT HEALTH AUTHORITY

Members of the Authority

Representing Swansea City Council.

Councillor A. G. Bunn,
Councillor G. O. Davies,
Councillor E. W. Gibbs,
Councillor K. W. Hawkins, J.P.
Councillor A. E. Hopkins,

Councillor W. D. John,
Councillor B. Jones,
Councillor S. Percival,
Councillor L. Pritchard,
Councillor W. W. Sivertsen, (Vice-
Chairman)

Representing Neath Borough Council.

Councillor J. E. Emanuel, (Chairman)
Councillor M. Morris
Councillor Miss M. L. Lewis.

Representing Afan Borough Council.

Councillor E. Griffiths,
Councillor H. Davies,

Representing Ogwr Borough Council.

Councillor E. Davis
Councillor W. H. Burt

Representing Vale of Glamorgan District Council.

Councillor M. L. Pound,

STAFF

Clerk to the Authority:

A. N. F. Rees, M.A. Solicitor

Treasurer to the Authority:

T. N. Barnes, I.P.F.A.

Director of Port Health Services:

J. H. Prosser, M.E.H.A.

Assistant Clerk:

Stephen Williams.

Port Medical Officer:

Dr. D. E. Donald, M.B., CH.B., D.P.H.,
M.F.C.M.,

Designated Alternatives:

Dr. D. H. J. Williams, M.R.C.S.,
L.E.C.P., D.P.H., M.F.C.M.,

Dr. D. Phillips-Miles, B.Sc., M.B.,
B.CH., M.F.C.H., A.M.B.I.M.

II

Jurisdiction of the Port

By an order of the Local Government Board, which came into force on the 1st day of July, 1898, permanently constituting "The Swansea Port Sanitary Authority," the limits of jurisdiction are set forth in Section II. Article 10.

SECTION II - The Jurisdiction of the said Port Sanitary Authority shall extend to all that part of the said Port of Swansea which lies on the landward side of a straight line drawn from Mumbles Point to the South-eastern extremity of the said Port at Nash Point, together with the waters of the said Port of Swansea within such limits, and all docks, basins, harbours, creeks, rivers, channels, roads, bays and streams within the aforesaid limits, and the place or places which may from time to time be appointed as the Customs Boarding Station or Stations for such part of the said Port, and the place or places for the time being appointed for the mooring or anchoring of ships for such part of the said port under any Regulations for the prevention of the spread of disease issued under the authority of the Statutes in that behalf, and for the purpose of any such Regulations as aforesaid shall also extend to any ship which in pursuance thereof, or of any directions given thereunder, shall be moored or anchored at the place appointed thereunder as aforesaid, or which shall be on its way thither.

Contributing Authorities

The Contributing Riparian Authorities are the Boroughs of the City of Swansea, Neath, Afan, Ogwr and the Vale of Glamorgan District Council.

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To the Chairman and Members of the
Swansea Port Health Authority

I have the honour to submit my Annual Report on the work carried out by your officers during the year ended 31st December, 1977.

This is the 104th Annual Report to be presented and although the Local Government Act 1972 repealed the Public Health Officers (Port Health Districts) Regulations, 1959, I have in accordance with your wishes prepared this Report on the same lines as in previous Annual Reports.

3,746 vessels entered the ports under the jurisdiction of the Authority during the year 1977 amounting to a gross tonnage of 9,298,249. This represented a decrease of 81 in the number of arrivals. Cargo handled at all the ports amounted to 10,468,944 tons, a decrease of 1,671,465 tons when compared with the 1976 figures.

Trade passing through the South Wales Ports in 1977 showed a 13.8% reduction compared with the 1976 figures. The Swansea docks showed a decrease of approximately 12%. Imports decreased by 67,132 tons, exports show a decrease of 710,849 tons.

Iron ore imports at Port Talbot decreased by 640,745 tons and coal imports decreased by 289,319 tons.

No cases of infectious diseases to which the International Health Regulations apply occurred on ships during the year, but information regarding other notifiable and infectious diseases are to be found later in this Report.

156 seamen were examined by the Static Mass Radiography Unit during the year and since the inception of the scheme the number of seamen who have been examined at the Unit is as follows:-

1954	124	1960	122	1966	46	1972	75
1955	149	1961	99	1967	47	1973	104
1956	135	1962	151	1968	53	1974	158
1957	110	1963	69	1969	46	1975	169
1958	242	1964	145	1970	67	1976	126
1959	63	1965	57	1971	72	1977	156

Also included are details of shore and ship fresh water sampling, particulars regarding the inspection of foodstuffs, its sampling, and when necessary, its condemnation when found to be unfit for human consumption.

Although a careful watch was kept on ships in dock emitting smoke, in no case was it observed that the emission was in excess of the provisions of the Clean Air Act 1956 and the Dark Smoke (Permitted Periods) (Vessels) Regulations, 1958.

VI

I must acknowledge the assistance and co-operation I have received from your part-time officers as well as from the officers of H.M. Customs, H.M. Immigration Department, the Ministry of Agriculture Fisheries & Foods, the Dock Manager and staff of the British Transport Docks Board, the South Wales Sea Fisheries Officers, the National Union of Seamen, the Doctors and Officers of the Shipping Federation, the Pilots, the local Shipping Agents, the Superintendents of the various shipping firms as well as to the Surveyors of the Marine Section of the Department of Trade and Industry, for which I am extremely grateful.

The close co-operation which has existed between Dr. Donald and your staff has continued during the year. He has always been accessible and his advice readily given for which the staff is most grateful.

Your full-time staff has continued to carry out their duties in their usual efficient manner and this has led to the smooth running of the Department.

Finally Mr. Chairman, I thank you and your fellow members for their interest, understanding and confidence shown throughout the year.

I am
Your obedient servant

J. H. Prosser,
DIRECTOR OF PORT HEALTH SERVICES

Port Health Office,
16 Cambrian Place,
SWANSEA.

March, 1978

TABLE A

Name of Officer	Nature of Appointment	Date of Appointment	Qualifications
J. H. Prosser	Director of Port Health Services	1953	C.S.I.B., Cert. Meat & Foods
C. W. Owens	Deputy Director of Port Health Services	1955	C.S.I.B., Cert. Meat & Foods
H. P. Edwards	Assistant Inspector	1948	C.S.I.B.
D. J. Williams	Assistant Inspector	1968	C.S.I.B., Cert. Meat & Foods
W. J. Arnold	Assistant Inspector	1976	P.H.I.D.
B. H. Hughes	Rat-Searcher	1973	-
Mrs. S. I. Lancey	Clerk	1971	-
Mrs. V. Evans	Typist	1971	-

Office Address - (Port Health Offices,
(16 Cambrian Place, Swansea.

(Tel. No. 53523

Home Tel. No. of Director - Swansea 24258

Home Tel. No. of Deputy Director - Swansea 27994

Telegraphic Address - "PORTELTH", Swansea.

TABLE 1

Analysis of seamen examined by the
Static Mass Radiography Unit at Swansea during the period
1st January - 31st December, 1977

Age Groups	15 - 24	24 - 34	35 - 44	45 - 59	60 and Over	Totals
<u>Total Examined</u>						
M.N.	81	14	12	14	5	126
Others	5	8	6	8	3	30
Total	<u>86</u>	<u>22</u>	<u>18</u>	<u>22</u>	<u>8</u>	<u>156</u>
<u>Volunteers</u>						
M.N.	4	1	3	6	1	15
Others	-	-	2	2	-	4
Total	<u>4</u>	<u>1</u>	<u>5</u>	<u>8</u>	<u>1</u>	<u>19</u>
<u>General Practitioner Referrals</u>						
M.N.	4	5	8	6	3	26
Others	-	1	-	1	3	5
Total	<u>4</u>	<u>6</u>	<u>8</u>	<u>7</u>	<u>6</u>	<u>31</u>
<u>Entrants</u>						
M.N.	65	6	-	-	-	71
Others	1	3	-	-	-	4
Total	<u>66</u>	<u>9</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>75</u>
<u>Factory Groups</u>						
M.N.	5	2	1	2	-	10
Others	4	4	3	5	-	16
Total	<u>9</u>	<u>6</u>	<u>4</u>	<u>7</u>	<u>-</u>	<u>26</u>
<u>Contacts</u>						
M.N.	3	-	-	-	1	4
Others	-	-	1	-	-	1
Total	<u>3</u>	<u>-</u>	<u>1</u>	<u>-</u>	<u>1</u>	<u>5</u>

M.N. - Merchant Navy

Others - Tugboat, etc.,

"Factory Groups" - Those x-rayed in connection with their occupation.

Excluding "Entrants"

Analysis of abnormalities found amongst Seamen examined by the Static Mass Radiography Unit at Swansea during 1st January - 31st December, 1977

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SECTION II - AMOUNT OF SHIPPING ENTERING THE DISTRICT DURING THE YEAR

TABLE B

Ships from	Number	Gross Tonnage	No. Inspected		Number of ships reported as having or having had during the voyage infectious disease on board
			By the Medical Officer of Health	By the Public Health Inspector	
Foreign Ports	} 3,746	9,298,249	-	1,034	3
Coastwise			-	1,898	3
TOTALS	3,746	9,298,249	-	2,932	6

Amount of shipping that entered the individual ports within the jurisdiction of the Port Health Authority together with total cargo handled

District	Number of Ships from Foreign & Coastwise	Total Gross Tonnage of Ships	Total Tonnage of Cargo handled
SWANSEA	3,259	6,164,299	5,682,493
NEATH RIVER	366	198,875	289,167
NEW HARBOUR PORT TALBOT	121	2,935,075	4,497,084
TOTALS	3,746	9,298,249	10,468,944

SECTION III - CHARACTER OF SHIPPING AND TRADE DURING THE YEAR

TABLE C

Passenger Traffic	(Number of Passengers INWARDS	387
	(Number of Passengers OUTWARDS	376

These figures include passengers dealt with at the New Harbour Port Talbot as well as berths in the Neath River.

Particulars regarding the number of passengers etc. who embarked and disembarked from the B. & I. Swansea/Cork ferries at the Ferryport will be found elsewhere in the report.

NATIONALITY OF VESSELS INSPECTED

Nationality	Swansea			Neath			Port Talbot			Porthcawl		
	Steam	Motor	Total	Steam	Motor	Total	Steam	Motor	Total	Steam	Motor	Total
Argentina	-	5	5	-	-	-	-	-	-	-	-	-
Austria	-	-	-	-	1	1	-	-	-	-	-	-
Bangladesh	-	3	3	-	-	-	-	-	-	-	-	-
Belgian	-	1	1	-	-	-	-	-	-	-	-	-
Bermudan	-	1	1	-	-	-	-	-	-	-	-	-
Brazilian	-	1	1	-	-	-	-	-	-	-	-	-
British	-	1701	1703	-	104	104	-	24	24	-	-	-
Bulgarian	2	1	3	-	-	-	-	-	-	-	-	-
Cypriot	-	13	13	-	7	7	-	-	-	-	-	-
Danish	-	41	41	-	16	16	-	-	-	-	-	-
Dutch	1	161	162	-	36	36	-	3	3	-	-	-
Egyptian	-	7	7	-	-	-	-	-	-	-	-	-
Faroese	-	2	2	-	-	-	-	-	-	-	-	-
Finnish	-	2	2	-	-	-	-	-	-	-	-	-
French	-	30	30	-	3	3	-	-	-	-	-	-
German	-	92	92	-	47	47	-	-	-	-	-	-
Greek	-	14	14	-	1	1	-	2	2	-	-	-
Indian	-	13	13	-	-	-	-	-	-	-	-	-
Iranian	-	5	5	-	-	-	-	-	-	-	-	-
Irish	-	238	238	-	23	23	-	-	-	-	-	-
Israeli	-	10	10	-	-	-	-	-	-	-	-	-
Italian	-	3	3	-	-	-	-	-	-	-	-	-
Japanese	-	-	-	-	-	-	-	4	4	-	-	-
Kenyan	-	1	1	-	-	-	-	-	-	-	-	-
Kuwaiti	-	2	2	-	-	-	-	-	-	-	-	-
Liberian	-	4	4	-	-	-	-	19	19	-	-	-
Libyan	-	-	-	-	-	-	-	1	1	-	-	-
Monacan	-	32	32	-	-	-	-	-	-	-	-	-
Moroccan	-	2	2	-	-	-	-	-	-	-	-	-
Norwegian	-	82	82	-	7	7	-	8	8	-	-	-
Pakistani	-	7	7	-	-	-	-	-	-	-	-	-
Panamanian	-	20	20	-	17	17	-	1	1	-	-	-
Polish	-	3	3	-	-	-	-	-	-	-	-	-
Singapore	-	21	21	-	7	7	-	-	-	-	-	-
Spanish	-	21	21	-	2	2	-	-	-	-	-	-
Sri Lanka	-	3	3	-	-	-	-	-	-	-	-	-
Swedish	-	12	12	-	1	1	-	2	2	-	-	-
Uruguayan	-	1	1	-	-	-	-	-	-	-	-	-
U.S.A.	-	1	1	-	-	-	-	-	-	-	-	-
U.S.S.R.	-	9	9	-	-	-	-	-	-	-	-	-
Yugo-Slavia	-	28	28	-	-	-	-	-	-	-	-	-
TOTAL	3	2593	2596	-	272	272	-	64	64	-	-	-

CARGO TRAFFIC - PRINCIPAL IMPORTS AND EXPORTSSWANSEAPrincipal Imports

Fruit and Vegetables, Dairy Produce etc., Timber, Non-ferrous ores, Fertilisers, etc., Coal and Coke, Petroleum, Iron and Steel (including Tinplate,) Metal Manufactures, Chemicals and Fertilisers etc.,

TOTAL INWARDS CARGO:-

1,606,741 Tons.

Principal Exports

Cereals and other Foodstuffs etc., Coal & Coke, Petroleum etc., Chemicals and Fertilisers, Iron and Steel (including Tinplate), Metal Manufactures, Machinery, Vehicles etc., Scrap, Building Materials etc.

TOTAL OUTWARD CARGO:-

3,705,990 Tons.

TRAFFIC OTHER THAN CARGO:-

369,762 Tons.

TOTAL TRAFFIC:-

5,682,493 Tons.

NEW HARBOUR, PORT TALBOTPrincipal Imports

Iron ore, Coal and Coke

TOTAL INWARDS CARGO:-

4,441,881 Tons.

Principal Exports

NIL

TRAFFIC OTHER THAN CARGO:-

55,203 Tons.

TOTAL TRAFFIC:-

4,497,084 Tons.

NEATH RIVER BERTHSPrincipal Imports

Sand, Petrochemicals, Coal, Furnace Materials

TOTAL INWARDS CARGO:-

90,353 Tons.

Principal Exports

Coal, Scrap, Steel, Petrochemicals, Road Materials.

TOTAL OUTWARDS CARGO:-

198,814 Tons.

TOTAL TRAFFIC:-

289,167 Tons.

PRINCIPAL PORTS FROM WHICH SHIPS ARRIVE

Shipping using the ports under your jurisdiction either discharge or load cargoes from and to practically all the principal ports of countries throughout the world.

SECTION V - WATER SUPPLY

(1) Source of Supply for (a) The District and (b) Shipping

The water supply for the District as well as for shipping using the various docks is now supplied by the Glamorgan Water Division of the Welsh National Water Development Authority.

(2) Reports of Tests for Contamination for

(a) The District

A total of 61 samples of drinking water were taken during the year from varying points throughout all the docks in your area and these were submitted for bacteriological examination to the Director of the Public Health Laboratory Service, Swansea.

In the event of a sample being reported as unsatisfactory, a copy of the Bacteriologist's report is sent to the Divisional Manager of the Glamorgan Water Division and, if within his area, to the Docks Manager of the British Transport Docks Board. In all cases the Chief Environmental Health Officer of the Local Authority concerned is also notified.

The following table gives details of these samples:-

<u>District</u>	<u>No. of Samples taken</u>	<u>No. Satisfactory</u>	<u>No. Unsatisfactory</u>
Swansea	14	14	-
Neath River Berths	35	35	-
New Harbour Port Talbot	12	12	-
TOTAL	61	61	-

SHORE SAMPLES

As can be seen from the table above all 61 samples submitted to the Bacteriologist during the year were reported by him to be satisfactory.

(b) Shipping

During the year 139 samples of drinking water were taken from 139 ships and submitted to the Public Health Laboratory for bacteriological examination.

Whenever an unsatisfactory report is received a copy of it is sent to the Owners or Agents with the advice that the water tank concerned should be properly treated by chlorination, emptied and then refilled with wholesome water and that until this operation can be performed the water therein should be boiled before consumption.

In the case of British ships, a copy of the report is also sent to the local Inspector of Ships' Provisions of the Department of Trade and Industry whenever an Unsatisfactory sample is reported.

Details regarding the samples taken from the ships are as follows:-

Distribution aboard ships	No. of ships involved	No. of samples taken	No. Satisfactory	No. Unsatisfactory	Total
Alleyways	139	10	10	-	10
Cabins		12	11	1	12
Drinking fountains		13	13	-	13
Galleys		85	62	23	85
Messrooms		4	3	1	4
Pantries		10	8	2	10
Washrooms		5	5	-	5
TOTALS	139	139	112	27	139
<u>Storage aboard Ships</u>					
Direct from Fresh Water Tank	-	-	-	-	-

REASONS FOR BEING UNSATISFACTORY

<u>District</u>	<u>High Plate Count</u>	<u>High No. of Coliform Bacilli</u>	<u>Presence of Esch. Coli (Type I)</u>	<u>Total</u>
Swansea	-	5	13	18
Neath River Berths	1	3	5	9
New Harbour Port Talbot	-	-	-	-
TOTALS	1	8	18	27

Nationality of Ships from which Drinking Water samples were taken,
the Districts, and the Bacteriological Results
Year 1977

9

Nationality	Total Number of Samples Taken	Swansea		Neath River Berths		Port Talbot Harbour		Total	
		Satis- factory	Unsatis- factory	Satis- factory	Unsatis- factory	Satis- factory	Unsatis- factory	Satis- factory	Unsatis- factory
British	58	37	10	7	2	2	-	46	12
Bulgarian	1	1	-	-	-	-	-	1	-
Cypriot	1	1	-	-	-	-	-	1	-
Danish	3	-	1	1	1	-	-	1	2
Dutch	14	8	-	3	3	-	-	11	3
Egyptian	2	2	-	-	-	-	-	2	-
Faroes	1	-	1	-	-	-	-	-	1
German	12	6	-	4	2	-	-	10	2
Greek	2	1	1	-	-	-	-	1	1
Indian	4	3	1	-	-	-	-	3	1
Irish	3	-	1	1	1	-	-	1	2
Israeli	1	1	-	-	-	-	-	1	-
Japanese	2	-	-	-	-	-	-	1	-
Liberian	5	-	-	-	-	2	-	2	-
Monacan	1	1	-	-	-	5	-	5	-
Norwegian	13	6	-	1	-	6	-	13	-
Pakistani	1	-	1	-	-	-	-	-	1
Panamanian	5	3	1	1	-	-	-	4	1
Singapore	2	1	-	1	-	-	-	2	-
Spanish	1	1	-	-	-	-	-	1	-
Sri Lanken	1	1	-	-	-	-	-	1	-
Yugo-Slav	6	5	1	-	-	-	-	5	1
TOTAL	139	78	18	19	9	15	-	112	27

SECTION VI - Public Health (Ships) Regulations, 1970-74

1. LIST OF INFECTED AREAS (Regulation 6)

Arrangements for the preparation and amendment to the list, the form of the list, the persons to whom it is supplied, and the procedure for supplying it to those persons

No Change

2. RADIO MESSAGES

Arrangements for receiving messages by radio from ships and for acting thereon, (Regulation 14 (1) and (2))

No Change

3. NOTIFICATIONS OTHERWISE THAN BY RADIO (Regulation 14 (1)(b))

Arrangements for receiving notifications otherwise than by radio and for acting thereon.

No Change

4. MOORING STATIONS (Regulations 22 - 30)

Situation of stations and any standing directions issued under these Regulations

No Change

5. ARRANGEMENTS FOR:-

(a) Hospital Accommodation for infectious diseases (other than Smallpox. See Section VII)

No Change

(b) Surveillance and follow up of contacts.

No Change

(c) Cleansing and disinfection of ships, persons, clothing and other articles.

No Change

SECTION VII - Smallpox1. Name of Isolation Hospital to which smallpox cases are sent from the district

These would be admitted to St. Mary's Hospital, Penarth.

2. Arrangements for transport of such cases to that hospital by ambulance giving the name of the Authority responsible for the ambulance and the vaccinal state of the ambulance crews.

The transport of smallpox patients from ships in the docks under the jurisdiction of the Authority is undertaken by the specially trained ambulance crew from the Hawthorn Ambulance Centre near Treforest.

The crew is vaccinated yearly and in the event of an outbreak all would be re-vaccinated immediately.

3. Names of smallpox consultants available.

Dr. E. Waddington, "Pembroke House" St. Winifred's Hospital, Cardiff
Tel. No. 0222 23534/5 or 0222 755944 Ext. 3181

Home address - "Madingley" 12 Tygwyn Road, Penylan, Cardiff
Tel. No. 0222 35123

Dr. M. S. N. Pathy, St. Davids Hospital, Cardiff.
Tel. No. 0222 20441

Home address - "Mathern Lodge" Cefn Coed Crescent, Cyncoed, Cardiff.
Tel. No. 0222 755476

4. Facilities for laboratory diagnosis of smallpox

Specimens for laboratory diagnosis of smallpox would be sent to the following:-

Dr. A. D. Evans,
University of Wales,
Heath Park,
Cardiff. CF4 4XY

Tel. No. 0222 755944 Ext. 2093

after 6.00 p.m. week days and 1.00 p.m. Saturday (all day Sunday)

Tel. No. 0222 842069

SECTION VIII - Venereal Disease.

Information as to the location, days and hours of available facilities for the diagnosis and treatment of venereal disease among merchant seamen under international arrangements, including in-patient treatment and the steps taken to make these facilities known to seamen.

No Change.

Number of Seamen cases admitted for treatment
at the Venereal Disease Clinics

	<u>SWANSEA CLINIC</u>				<u>PORT TALBOT CLINIC</u>		
	1975	1976	1977		1975	1976	1977
Syphilis	1A1	-	6	Syphilis	-	-	-
Soft Chancre	-	-	-	Soft Chancre	-	-	-
Gonorrhoea	9	8	6	Gonorrhoea	3	4	-
Others	40	60	40	Others	26	14	20
	50	68	52		29	18	20

SECTION IX - CASES OF NOTIFIABLE AND OTHER INFECTIOUS DISEASES ON SHIPS

TABLE D

Category	Disease	No. of cases during the year		No. of Ships concerned
		Passengers	Crew	
Cases landed from ships from foreign ports	Dysentery V.D.	- -	1 4	1 2
Cases which have occurred on ships from Foreign Ports but have been disposed of before arrival	-	-	-	-
Cases landed from other ships	Malaria Influenza V.D.	- - -	1 5 1	1 1 1

SECTION X - Observations on the occurrence of malaria in ships

One case of Malaria was reported during the year.

MALARIA

The Dutch m.v. "YSELMEER" arrived in Swansea on 10th February, 1977 from Silloth. The Cook a 41 year old Indonesian, reported sick and was seen by the Federation Doctor who sent him to Singleton Hospital where, after carrying out tests, it was confirmed that he was suffering from Malaria. The usual authorities were notified of the case.

DYSENTERY

The Egyptian m.v. "6TH OCTOBER" arrived in Swansea on 4th May, 1977 from Alexandria. No case of sickness was reported on arrival. On the night of 13th May a crew member became ill and was taken to Singleton Hospital. Within twenty four hours the hospital confirmed that the patient was suffering from Bacillary Dysentery.

The vessel however, had sailed for Hamburg within hours of the patient being admitted to hospital. The Port Medical Officer for Hamburg was therefore advised by telegram of the situation, and the local shipping agents undertook to inform the Master of the ship by telex. The Welsh Office and Swansea City Environmental Health Department were also informed.

RETURN OF CASES OF SICKNESS, INJURY, ETC., FOUND ON VESSELS
ENTERING THE PORT OR OCCURRING DURING STAY IN PORT

Appendicitis	1	Leg Injury	4
Arm Injury	2	Malaria	1
Back Pains	5	Mouth Infection	1
Boils	1	Neck Pains	1
Colds	10	Peptic Ulcer	1
Dysentery	1	Psoriasis	2
Dyspepsia	1	Rheumatism	1
Epilepsy	1	Ringworm	1
Eye Complaints	4	Shoulder Injury	1
Finger Injury	1	Skin Rash	6
Haemorrhoids	1	Sternal Pain	1
Heart Condition	1	Stomach Pains	4
Hernia	2	Tonsillitis	2
Hypertension	3	Tracheitis	1
Influenza	5	Venereal Disease	5
		Total	71

RABIES

Although the Swansea Port Health Authority is not the Authority responsible for the enforcement of the various Orders relating to Rabies, your Officers are maintaining careful vigilance and have reported certain incidents contravening the Regulations, to the West Glamorgan County Council, which is the Authority responsible.

During the morning of Thursday 1st December, 1977 the Port Medical Officer was contacted by telephone by the Medical Officer of Health in Peterborough, who wished to inform him of an incident which had occurred in the port at Wisbech some days earlier. A woman had been bitten by a dog on a Cypriot vessel which was being loaded at Wisbech. The dog had been secured and confined to one room but the woman had inadvertently entered the room and been bitten by the dog.

The vessel had shortly afterwards sailed for Belfast and was due back in Swansea on that day, the 1st December.

This information was passed on to the Diseases of Animals Officer of the West Glamorgan County Council, who made the necessary arrangements to board the vessel on arrival together with a Ministry Authorised Carrying Agent. The dog was removed to authorised quarantine premises where tests were carried out which ultimately proved that the animal was not rabid.

SECTION XI - Measures taken against ships infected with or suspected for plague

No plague infected or suspected ships arrived.

SECTION XII - Measures against rodents in ships from foreign ports

1. Procedure for inspection of ships for rats

The Ratsearcher, working under the direction of an Inspector, searches as a routine, ships from foreign ports as soon as possible after arrival, for any evidence of rat infestation. Enquiries are always made as to mortality amongst the rats on board and particular attention during the search is paid to any excreta, runs, smears, etc., as well as to any harbourage present. It is as a result of such an inspection whether any rat repressive measures are deemed necessary.

The same procedure is adopted prior to the issue of a Deratting or Deratting Exemption Certificate, which foreign-going ships must possess in accordance with Article 54 of the International Health Regulations as well as for Rodent Certificates issued under the Prevention of Damage by Pests (Application to shipping) Orders 1951 and 1956.

The Ratsearcher inspected 895 ships during the year and discovered evidence of rats on five ships and evidence of mice on one ship.

2. Arrangements for the bacteriological or pathological examination of Rodents, with special reference to rodent plague, including the number of Rodents sent for examination during the year.

In compliance with the Welsh Office Circular No. 66/76, the practice of sending rats to the Public Health Laboratory for examination to exclude Plague infection has ceased.

In view of the risk, albeit remote, that a rat imported accidentally on a ship may be carrying the Lassa Fever virus, all rodents caught routinely or found dead following de-ratting are incinerated without undue delay and without attempting more than simple visual identification.

In future if an officer wished to obtain specialist opinion, as when there is suspected to be an unusual species of rat or when there is an unexplained mortality amongst the rats, the specimen will have to be despatched to the microbiological research establishment at Porton Down.

3. Arrangements in the district for deratting ships, the methods used, and if done by a commercial contractor, the name of the contractor.

- | | |
|--------------------------------|-------------------------|
| 1. Routine trapping | 2. Poison Baits |
| 3. Sulphur Dioxide gas | 4. Hydrogen Cyanide gas |
| 5. Sodium Fluoroacetate (1080) | 6. Methyl Bromide |

Trapping and poison baits can be undertaken by the Authority's Ratsearcher, but whenever other methods of destruction are necessary, the Master is advised through his Agents to engage the services of a commercial contractor to carry out the work. An Inspector is always present to supervise fumigation.

Name of Contractors

Rentokil Laboratories Ltd., Cardiff

Contra Pest Services Ltd.,

4. Progress in the rat-proofing of ships

Inspections of modern ships during the year have revealed that Ship Owners and Shipbuilders continue to pay careful attention to the rat-proofing of their ships during construction, the result being most satisfactory.

In the older type of ship, whenever harbourage is discovered that can be eliminated your Inspectors gladly advise on the most suitable method of correcting same.

TABLE E

Rodents destroyed during the year in ships from Foreign Ports

[illegible]

The Prevention of Damage by Pests Act, 1949
The Prevention of Damage by Pests (Application to Shipping)
Orders 1951 and 1956

No rodent control certificates were issued under these Orders, the ships preferring to pay the additional cost in order to obtain a Deratting Exemption Certificate.

TABLE F

Deratting Certificates and Deratting Exemption Certificates issued
during the year for ships from foreign ports

No. of Deratting Certificates issued					Number of Exemption Certificates issued	Total Certificate issued
After fumigation with		After Trapping	After Poisoning	Total		
H.C.N.	Other fumigant (State method)					
1	2	3	4	5	6	7
-	-	-	-	-	73	73

Number of Deratting and Deratting Exemption Certificates issued
from individual ports under the jurisdiction of the Authority

Gross Tonnage	Swansea	Neath	Port Talbot	Total
Ships below 1,001 gross tonnage	24	9	-	33
" from 1001 to 3000 gross tons	18	1	-	19
" " 3001 to 10000 " "	10	-	-	10
" " 10001 to 20000 " "	3	-	-	3
" " 20001 to 50000 " "	1	-	4	5
" over 50,000 gross tons.	-	-	3	3
TOTAL	56	10	7	73

SECTION XIII - INSPECTION OF SHIPS FOR NUISANCES

Whenever nuisances or defects are found on ships and they are likely to be remedied in port, verbal notice is given. If there appears to be no likelihood of co-operation, an Informal Notice is served on the Master and/or Owners and if thought necessary the assistance of the Marine Surveyor of the Department of Trade and Industry is sought. If the Notice is not complied with or only partly complied with in this Port and the ship is proceeding coastwise, then a follow up notice is sent to the next Port Health Authority.

Generally, ships from which drinking water samples are taken, have sailed before the result from the Bacteriologist is available. In such cases, should the result be unsatisfactory, a notice is immediately sent to the Owners via the local agents, advising them to instruct the Master to have all drinking water remaining on board boiled before consumption and to make arrangements as speedily as possible to have the fresh water tanks chlorinated and satisfactorily cleansed.

TABLE G

INSPECTIONS AND NOTICES

Nature and number of Inspections	Notices served		Result of serving Notices
	Statutory Notices	Other Notices	
Swansea 2,596	-	39	23 of these Notices were fully complied with before the ships had sailed. In addition, of the 27 notices served re. dirty fresh water tanks, it is known that 14 ships carried out the necessary chlorination
Neath River 272	-	14	
New Harbour 64	-	2	
Port Talbot	-	-	
Porthcawl -	-	-	
TOTALS 2,932	-	55	

The number of re-visits made by the Inspectors in connection with the above was 29

LIST OF NUISANCES AND DEFECTS DEALT WITH

Nature of Nuisance or Defect	Swansea	Neath River Berths	New Harbour Port Talbot	Porthcawl	Total
<u>Cabins</u>					
Leaking Deckhead	-	1	-	-	1
Verminous	2	-	-	-	2
<u>Fresh Water Tanks</u>					
Dirty	18	9	-	-	27
<u>Galley</u>					
Defective Cooking Range & Pipe	2	-	-	-	2
Defective Refrigerator	1	-	-	-	1
Defective Work Surfaces	1	1	-	-	2
Dirty Conditions	7	1	-	-	8
Dirty Utensils	1	-	-	-	1
Verminous	5	-	1	-	6
<u>Mess Rooms</u>					
Defective Floor Tiles	1	-	-	-	1
Dirty Conditions	8	2	-	-	10
Verminous	4	-	-	-	4
<u>Pantry</u>					
Verminous	3	-	-	-	3
<u>Provision Storeroom</u>					
Dirty Conditions	4	-	-	-	4
Verminous	3	-	-	-	3
<u>Refrigeration Chamber</u>					
Defective Refrigerator	1	-	-	-	1
Dirty Conditions	2	-	-	-	2
<u>Refuse</u>					
Accumulations	-	-	1	-	1
Bin not supplied with covers	1	-	-	-	1
<u>W.C's</u>					
Defective Bulkhead	1	-	-	-	1
Dirty Conditions	2	-	-	-	2
TOTAL	67	14	2	-	83

Classification of Defects in Vessels

	Swansea	Neath River	New Harbour Port Talbot	Porthcawl	Total
(A) Original Construction	-	-	-	-	-
(B) Wear and Tear	8	2	-	-	10
(C) Dirt and Vermin	59	12	2	-	73
(D) Alterations	-	-	-	-	-
TOTAL	67	14	2	-	83

Forty Eight of these defects and nuisances were remedied before the ships had sailed.

SECTION XIV - Public Health (Shell-fish) Regulations, 1934 and 1948

Information respecting any shell-fish beds or layings within the jurisdiction of the Authority stating whether they are, in the opinion of the Medical Officer of Health, liable to pollution. A report of any action taken, which should state whether any prohibited area has been prescribed, should be included.

No Change

SECTION XV - THE IMMIGRATION ACT 1971. Medical Inspection of Aliens and Commonwealth Immigrants.List of Medical Inspectors holding Certificates of Appointment

Dr. D. E. Donald,
Dr. D. H. J. Williams,
Dr. D. Phillips-Miles.

Nature and amount of aliens and Commonwealth Immigrants Traffic

Details for the year 1977 are as follows:-

ALIENS

1. No. of arriving ships carrying aliens	95*
2. Total number of arriving aliens (excluding crews)	287*
3. Total number of aliens medically examined	Nil
4. Reports and Certificates for aliens medically examined	Nil

COMMONWEALTH IMMIGRANTS

1. Total number of arriving Commonwealth Citizens subject to control under the Act (excluding crews)	29*
2. Total number of Commonwealth Citizens medically examined	Nil
3. Reports and certificates for Commonwealth Citizens medically examined	Nil
4. Number landed conditionally.	27

* These numbers include those arriving at the Berths on the Neath River as well as the New Harbour Port Talbot.

SECTION XVI - Miscellaneous

Arrangements for the burial on shore of persons who have died on board ship from Infectious Disease.

No Change.

FOOD INSPECTIONFood and Drugs Act, 1955The Imported Food Regulations, 1968-1973The Preservatives in Food Regulations, 1962 and 1971

Sixty ships were visited during the year by your Food Inspectors for the routine inspection of foodstuffs which were landed into the various transit sheds in the docks under your jurisdiction.

The total weight of food landed was over 3,261 Tons, and the countries from which it arrived included South Africa, India and Egypt. Details of the containerised food arriving at the Ferryport from Cork are given later in this Report.

Included in these figures are the 139 landings of wet fish made by 3 vessels between 60 and 73 feet registered length owned by the Swansea Fishermen Ltd., who lease the Fish Market at the Prince of Wales Dock. The total landing was 2,079 cwts. valued at £45,961

Samples of the ice and water from which it is made were taken regularly for bacteriological examination from the company's flake ice plant at the Fish Market. In all a total of 14 ice samples and 14 water samples were taken during the year. Two of the ice samples were unsatisfactory. With the full co-operation of the Swansea Fishermen Ltd., who undertook to renew certain equipment, this problem was solved and all further samples proved to be satisfactory.

FOOD CONDEMNED

Generally speaking the food landed was in good condition and condemnation usually resulted from the effects of deterioration faults in stowage or bad handling during transportation and discharge.

Only just over 9 cwts. were condemned as unfit for human consumption and this figure was made up as follows:

Commodity	Tons.	Cwts.	Qrs.	Lbs.	Ozs.	How disposed of
Corned Beef	-	-	-	9	15	Destroyed by B.T.D.B.
Crab (Canned)	-	-	-	9	0	Destroyed by B.T.D.B.
Fruit (Canned)	-	7	2	27	12	Destroyed by B.T.D.B.
Pineapple Juice (Canned)	-	-	-	8	0	Destroyed by B.T.D.B.
Shrimps (Canned)	-	-	-	7	14	Destroyed by B.T.D.B.
Tuna	-	1	0	27	2	Destroyed by B.T.D.B.
TOTAL	-	9	1	5	11	

DETAILS OF IMPORTED FOOD LANDED

Commodity	Swansea			
	Tons.	Cwts.	Qrs.	Lbs.
Apricot Juice	2	-	-	-
Carrots (Dehydrated)	10	11	1	3
Cashew Kernals	5	-	3	15
Chillies (Egyptian)	5	-	-	-
Coffee	6	2	2	21
Coriander Seed	14	14	2	16
Corned Beef	223	2	1	1
Crab (Canned)	7	6	3	9
Cuminseed Currants	9	16	1	20
Cutch Powder	2	-	3	12
Falafel	3	19	2	6
Fish (Wet)	88	13	-	-
Foul Mesdames (Beans)	2	-	-	-
Fruit (Tinned)	515	8	2	22
Fruit Juice	38	19	2	14
Ground Garlic Powder	9	12	-	-
Groundnuts	24	11	2	12
Leeks (Dehydrated)	16	5	0	5
Mango Juice	2	-	-	-
Marjoram Seeds	18	4	3	26
Onions (Dehydrated)	549	1	1	7
Orange Concentrate	27	2	1	1
Potatoes	87	10	-	6
Prawns (Frozen)	23	15	-	18
Rose Jam	1	3	1	16
Shrimps (Canned)	5	13	-	14
Stewed Steak	24	17	3	22
Sunflower Seed	199	12	-	24
Tea	1260	5	-	13
Tuna in Oil	76	12	-	16
TOTAL	3261	3	0	11

No foodstuffs were landed either at the New Harbour Port Talbot or at the berths in the Neath River.

BRITISH AND IRISH - SWANSEA AND CORK FERRY

During the year the m.v. "INNISFALLEN" and m.v. "LEINSTER" between them arrived at the Ferryport on 235 occasions and the following statistics should be of interest.

	<u>Inwards.</u>	<u>Outwards.</u>
No. of Cars	20,317	22,016
No. of Car Passengers	58,869	62,483
No. of Foot Passengers	38,580	38,585
Commercial Drivers	1,681	1,691

No case of infectious sickness was brought to my notice.

As a Port Health Authority we are particularly interested in the foodstuffs landed and during the year 833 containers or trailers carrying over 11,503 tons of foodstuffs arrived from Cork.

In accordance with the Imported Food Regulations when an Authorised Officer considers it expedient that the examination of the contents of a container should be deferred until it reaches a specified place of destination elsewhere, he shall require the Importer etc., to give an undertaking in writing, stating that the container has been sealed and will remain so until it reaches the destination specified on the undertaking. At the same time, the Authorised Officer must notify the Receiving Authority that the Container is on its way to that Authority and this must be done as expeditiously as possible, normally by telephone and later confirmed in writing.

Occasionally it has happened that food containers have arrived without a definite address to which they are bound. These are immediately detained and are only released when the Inspector is satisfied of their correct destination.

Container No. BNIU 761069

The above container of frozen offals arrived in Swansea on the 20th October, 1977 from Cork on the m.v. "INNISFALLEN". On inspection, it was found that it was not accompanied by a Health Certificate, as required by the Imported Food Regulations. Consequently the container was detained here and not allowed to continue to its intended inland destination of Seven Oaks, Kent. The appropriate Officer in the Ministry of Agriculture, Fisheries & Food was informed of this action. Later on the same date, the authorities in Eire were able to satisfy us that a Health Certificate had actually been issued by a Veterinary Officer and were able, in fact, to give the Establishment Number of the premises. Owing to an Office error the Certificate had not been sent with the container. On receiving an assurance that the Health Certificate would be put on the m.v. "INNISFALLEN" the following day, the container was allowed to proceed to its inland destination.

TABLE SHOWING AMOUNT AND VARIETY OF FOOD
ARRIVING IN CONTAINERS ETC. FROM CORK

Commodity	Tons.	Cwts.	Qts.	Lbs.
Bacon	11	-	-	-
Bananas	136	4	-	19
Blackberries	114	18	3	15
Brown Bread Mix	15	7	1	20
Butter	496	14	-	2
Cabbage	98	-	-	-
Carrots	18	-	-	-
Casein Blanks	6	-	-	-
Cheese	1174	11	2	25
Chewing Gum	107	2	1	17
Chocolate Crumb	1203	14	3	4
Citric Acid Crystals	598	-	2	3
Colorite	2565	19	1	15
Confectionery	101	3	1	6
Fish & Shell Fish	809	-	3	8
Glucose	18	16	-	-
Meat including Beef, Lamb, Pork & Offals	1815	19	1	23
Milk Powder	1186	11	1	14
Mixed Vegetables	33	1	2	-
Peas	47	19	1	4
Poultry & Poultry Products	817	2	-	18
Ravioli	39	4	2	-
Soft Drink Concentrates	49	7	2	10
Spirits	24	10	-	-
Swedes	15	-	-	-
TOTAL	11503	9	1	7

It may be of interest to note that the Home destinations of the Containers etc., included towns in almost all the counties of England and Wales, the London Area and Scotland as well as destinations abroad in Belgium, Czechoslovakia, Denmark, France, Germany, Holland, Italy, Japan, Norway, Rumania, the Middle & Far East and the West Indies.

FOOD SAMPLING

During the year twenty one samples of imported foodstuffs were submitted to the Public Analyst and eighteen samples to the Director of the Public Health Laboratory and particulars regarding these samples are detailed below:

To the Public Analyst

<u>Number</u>	<u>Nature of Sample</u>	<u>Country of Origin</u>	<u>Result</u>
1	Canned Sliced Peaches	Republic of S. Africa	Satisfactory
2	Canned Pear Halves	Republic of S. Africa	Satisfactory
3	Canned Apricot Halves	Republic of S. Africa	Satisfactory
4	7 ozs Cans Corned Beef	South West Africa	Satisfactory
5	12 ozs Cans Corned Beef	South West Africa	Satisfactory
6	Tea	Malawi	Satisfactory
7	Coffee	Mozambique	Satisfactory
8	Canned Tuna	Mauritius	Satisfactory
9	Groundnut Kernels	Republic of S. Africa	Satisfactory
10	Rose Jam	Egypt	Satisfactory
11	Foul Mesdame (Beans)	Egypt	Satisfactory
12	Mango Juice	Egypt	Satisfactory
13	Apricot Juice	Egypt	Satisfactory
14	Coriander Seed	Egypt	Satisfactory
15	Cuminseed Currant	Egypt	Satisfactory
16	Colorite	Eire	Satisfactory
17	Dehydrated Garlic Powder	Egypt	Satisfactory
18	Canned Crab	India	Satisfactory
19	Canned Crab	India	Satisfactory
20	Canned Shrimps	India	Satisfactory
21	Canned Shrimps	India	Satisfactory

TO THE DIRECTOR OF THE PUBLIC HEALTH LABORATORY

<u>Number</u>	<u>Nature of Sample</u>	<u>Country of Origin</u>	<u>Result</u>
1	12 ozs Canned Corned Beef	South West Africa	Satisfactory
2	7 ozs Canned Corned Beef	South West Africa	Satisfactory
3	Canned Apricot Halves	Republic of S. Africa	Satisfactory
4	Canned Pear Halves	Republic of S. Africa	Satisfactory
5	Canned Sliced Peaches	Republic of S. Africa	Satisfactory
6	Canned Tuna	Mauritius	Satisfactory
7	Canned Shrimps	India	Satisfactory
8	Canned Shrimps	India	Satisfactory
9	Canned Crab	India	Satisfactory
10	Canned Crab	India	Satisfactory
11	Foul Mesdame (Beans)	Egypt	Satisfactory
12	Mango Juice	Egypt	Satisfactory
13	Rose Jam	Egypt	Satisfactory
14	Oysters	Eire	Satisfactory
15	Colorite	Eire	Satisfactory
16	Dehydrated Kibbled Onions	Egypt	Satisfactory
17	Dehydrated Garlic Powder	Egypt	Satisfactory
18	Oysters	Eire	Satisfactory

Sample of Apricot Juice (No.13) (Public Analyst)

The Public Analyst was of the opinion that the sample complied with the requirements of the Food & Drugs Act 1955 and subsequent Regulations. However, The Food Standards Committee have recommended a limit for canned foods of 250 p.p.m. of tin, and as this sample of apricot juice contained 205 p.p.m. we advised the Importer to distribute and retail these cans in as short a time as possible.

The Importers, a Manchester firm, were duly advised as was the Environmental Health Officer for that area.

THE PUBLIC HEALTH (IMPORTED MILK) REGULATIONS, 1926

It was not found necessary to take any action under the above Regulations.

THE FOOD HYGIENE (GENERAL) REGULATIONS 1970

Periodical inspections are made of the ships which operate passenger services from Swansea and when it is found necessary to draw the attention of the Owners to any defects found, remedial action is usually taken immediately.

Samples of the drinking water were taken from time to time from these ships and subjected to Bacteriological examination and when the results proved unsatisfactory chlorination of the affected tanks were undertaken without delay.

THE FOOD HYGIENE (DOCKS, CARRIERS, ETC.) REGULATIONS, 1960

As a result of regular routine visits to the various wharves, warehouses, transit sheds, etc., to which these Regulations are applicable it has been necessary at times to draw the attention of the Owners and Tenants to their obligations under the Regulations, particularly as regards to cleanliness. Usually any complaints made by your Inspectors are immediately attended to.

It should be mentioned that most of the foodstuffs landed here are packed or otherwise protected in such a manner that risk of contamination of the food is negligible.

SHIPS STORES

It was necessary on two occasions during the year to contact the officers of the Ministry of Agriculture Fisheries & Food in order that a license could be issued as required by the Diseases of Animals act 1950 etc., enabling the transfer of food-stuffs (Crews Provisions) from two vessels to the cold stores at the Prince of Wales Dock whilst the vessels were under repair in the Dry Dock. The stores were transferred in accordance with the Regulations.

On another occasion it became necessary to condemn crews provisions as a result of a breakdown of the ships refrigerator. As this was a British vessel the Inspector of Ships Provisions, Department of Trade & Industries was contacted and he subsequently dealt with the unsound food.

DANGEROUS DRUGS ACT, 1965

THE DANGEROUS DRUGS (NO.2) REGULATIONS, 1964

No applications were received during the year from the Masters of foreign ships for certificates authorising them to purchase any dangerous drugs as provided for under the above regulations.

STUDENT VISITORS

During the year there were two separate visits of student nurses, from the Singleton and Morriston Hospitals as part of their Community Care Course organised by the Senior Nursing Officer of the Swansea Health District of the West Glamorgan Area Health Authority.

On another occasion a group of staff nurses from these hospitals who were studying for the Diploma in Nursing also made a visit. They all visited the Medical Centre of the National Docks Labour Board as well as ships in dock before being lectured on Port Health work and I would like to express my thanks to the Sisters in charge of the Medical Centre as well as to the Shipping Agents concerned and the Manager of the B. & I. Line for their excellent co-operation in making these visits so instructive and enjoyable.

